

N° 947



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PROVISIONAL SPECIFICATION.

An Improvement in connection with Vessels or Receptacles Made of Paper.

I, WILLIAM EDWIN HANSHUE, Company Manager, of 40, Percival Street, Goswell Road, London, E.C., do hereby declare the nature of this invention to be as follows:—

This invention relates to an improvement in connection with that class of paper vessels described in the Specifications of Elmer Zebbley Taylor's Patents Nos. 3301 dated 10th. February 1906, 14,465 dated 25th. June 1906 and 23,374 dated 22nd. October 1906, and it consists in an improved form of lid for use with such receptacles.

In carrying out this invention the lid is preferably of substantially the form described in the Specification of the Patent No. 3301/06 above referred to, that is to say it may be dish-shaped and have the upper edge of its flange turned outwardly to fit over the upper edge of the receptacle with which it is to be used. Instead however of the main body of the flange being of straight conical form as in the prior patent, this flange, while still being made conical to suit the vessel with which the lid is to be used, has one or more grooves or depressions formed around its outer surface, such grooves or depressions being of any suitable form and in use being adapted to fit over or around one or more beads, steps, enlargements or projections formed on the inner surface of the vessel with which the lid is to be used. When a lid thus formed is inserted into the vessel the lower edge of such lid springs over the projection formed on the inner surface of the vessel and such projection then enters the groove or depression in the flange of the lid and holds the latter securely in position.

It is preferred to turn the upper edge of the flange outwardly as above mentioned, although in some cases this may not be necessary, but when this arrangement is adopted the outwardly turned edge prevents any possibility of the lid being tilted or pushed in too far, permits of its ready removal by the insertion of the finger nail beneath same, and also prevents any dust or dirt settling around the upper edge of the receptacle.

Dated this 13th day of January, 1911.

W. E. HANSHUE.

COMPLETE SPECIFICATION.

An Improvement in connection with Vessels or Receptacles Made of Paper.

I, WILLIAM EDWIN HANSHUE, Company Manager, of 40, Percival Street, Goswell Road, London, E.C., do hereby declare the nature of this invention and in what manner the same is to be performed; to be particularly described and ascertained in and by the following statement:—

This invention relates to an improvement in connection with that class of
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An Improvement in connection with Vessels or Receptacles Made of Paper.

paper vessels described in the Specifications of Elmer Zebble Taylor's Patents Nos. 3301 dated 10th. February 1906, 14,465 dated 25th. June 1906 and 23,374 dated 22nd October 1906, and in the Specifications of the Applications for Patents Nos. 24,445 and 24,446 both dated 21st October 1910 and filed by Mono Service Vessels, Limited, as communications from the said Elmer Zebble Taylor.

The present invention particularly consists in a modification of the form of lid described in the Application for Patent No. 24,445¹⁰ above referred to, and is illustrated in the accompanying drawing, which is a sectional view of the upper end of a paper vessel with a lid formed as hereinafter described.

As shown in such drawing the lid is preferably of substantially the form described in the Specification of the Patent No. 3301⁰⁶ above referred to, that is to say it may be dish-shaped and have the upper edge of its flange 2 turned outwardly as at 3 to fit over the upper edge of the receptacle 4 with which it is to be used. Instead however of the main body of the flange 2 being of plain straight conical form as in the prior patent, this flange has one or more grooves or depressions 5 formed around its outer surface, such grooves or depressions being of any suitable form, and in use being adapted to fit over or around one or more beads, steps, enlargements or projections 6 formed on the inner surface of the receptacle 4.

When a lid thus formed is inserted into the receptacle the lower edge of such lid springs over the projection or projections 6, which then enter the groove or grooves 5 formed in the flange of the lid, and the latter is thus securely held in position.

It is preferred to turn the upper edge of the flange 2 outwardly as above mentioned, although in some cases this may not be necessary, but when this arrangement is adopted the outwardly turned edge 3 prevents any possibility of the lid being tilted or pushed in too far, permits of its ready removal by the insertion of the finger nail beneath same, and also prevents any dust or dirt from settling around the upper edge of the receptacle.

The drawing shows the invention applied to a lid for a vessel of conical form, but it will be readily understood that the invention may also be applied to lids for vessels of cylindrical instead of conical form.

A comparison of the above description and the accompanying drawing with those of the Application for Patent No. 24,445/10 hereinbefore referred to will show that in the latter case a projection (or projections) formed on the lid is arranged to enter a groove (or grooves) in the inner surface of the receptacle, whereas in the present case these arrangements are reversed and a projection on the inner surface of the receptacle enters a groove formed on the outer surface of the flange of the lid.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that I am aware that it is not broadly new to employ a lid having substantially the formation above described for use in connection with bottles and like vessels having a co-acting internal bead, and also that a somewhat similar formation has been proposed for the bottom of paper receptacles, but what I claim is:—

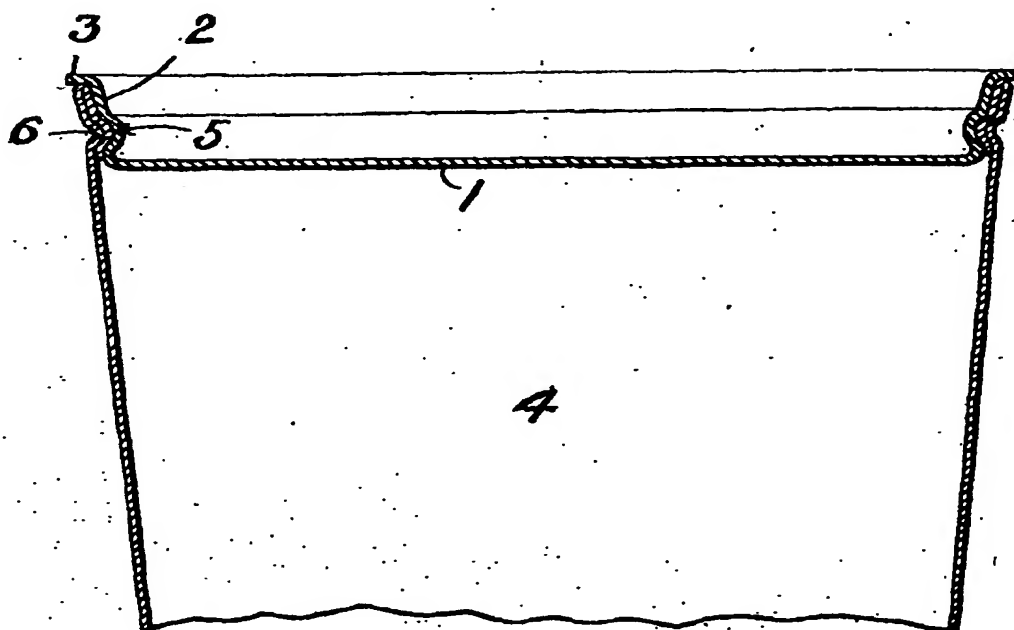
In a lid for paper vessels of the class specified the combination, with an upwardly extending flange the upper edge of which may or may not be turned outwardly, of one or more grooves or indentations in the outer surface of the flange, the vessel having one or more beads, steps, enlargements or projections on its inner surface which engage with such grooves or indentations when the lid is inserted into the vessel, substantially as specified.

Dated this Thirteenth day of July, 1911.

W. E. HANSHUR.

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[This Drawing is a full-size reproduction of the Original.]



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